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**Complete if Known**

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| Application Number     | 09/977,122           |
| Filing Date            | Oct. 12, 2001        |
| First Named Inventor   | Owens                |
| Art Unit               | 3618                 |
| Examiner Name          | Christopher Bottorff |
| Attorney Docket Number | 12873/04289          |

Sheet 1 of 1

**U. S. PATENT DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Document Number                          | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|--------------------|-----------------------|--|--------------------------------|--|---|
|                    |                       | Number-Kind Code <sup>2</sup> (if known) |                                |  |   |
| CDB                |                       | US- 5,862,825                            | 01-26-1999                     | Leonard  |   |
| CDB                |                       | US- 6,338,355 B1                         | 01-15-2002                     | Cheng  |   |
| CDB                |                       | US- 4,046,374                            | 09-06-1977                     | Breyley  |   |
| CDB                |                       | US- 5,271,422                            | 12-21-1993                     | Sorrell, et al                                     |   |
| CDB                |                       | US- 5,320,122                            | 06-14-1994                     | Jacobson, II et al.                                |   |
| CDB                |                       | US- 5,451,193                            | 09-19-1995                     | Pickard  |   |
|                    |                       | US-                                      |                                |  |   |
|                    |                       | US-                                      |                                |  |   |
|                    |                       | US-                                      |                                |  |   |
|                    |                       | US-                                      |                                |  |   |
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|                    |                       | US-                                      |                                |  |   |
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**FOREIGN PATENT DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Foreign Patent Document   | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>Or Relevant Figures Appear | T <sup>6</sup> |
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Examiner  
Signature*Christopher Bottorff*Date  
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